

Shreyas Patil

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EDUCATION

George Mason University

Master's in Computer Science, GPA: 3.53

Fairfax, Virginia

August 2022 - May 2024

University of Mumbai

Bachelor's in Computer Engineering, CGPA: 9.02

Mumbai, India

August 2018 - May 2022

SKILLS

Programming and Markup Languages: HTML, CSS, JavaScript, TypeScript, Python, PHP, C, Java

Frameworks and Databases: React.js, Next.js, Node.js, MongoDB, Express.js, Socket.IO, Flask, MySQL, PostgreSQL, REST API

Libraries: Bootstrap, Tailwind CSS, MaterialUI, Shadcn, DaisyUI, Pandas, Scikit-Learn, NLTK

Tools and Platforms: Git, GitHub, Figma, Vite, Postman, Visual Studio Code, Jira, Google Colab, XAMPP

WORK EXPERIENCE

Dream Studio | Front-End Developer | Atlanta, Georgia

August 2024 - Present

- Spearheaded the creation of responsive websites across multiple projects, ensuring smooth and consistent experiences across devices, from mobile to desktop.
- Worked closely with cross-functional teams, including designers and backend developers, to translate complex business requirements into intuitive and engaging user interfaces.
- Created custom, visually appealing interfaces, and widgets to enhance the user experience, making product showcases more engaging and interactive.
- Utilized React.js, Swiper.js, SASS, JavaScript, and other frameworks for visually appealing web solutions.

The Sparks Foundation | Web Developer Intern | Thane, India

July 2021 - August 2021

- Created wireframes and prototypes using Figma, translating business requirements into user-friendly interfaces.
- Utilized PHP and MySQL to handle user registration, login, webpage design, and database management.
- Optimized database performance by refining SQL queries, reducing server response times, and improving overall data retrieval.

PROJECTS

Connect Four Game | React.js, Node.js, Material-UI, MongoDB

- Developed a full-stack Connect Four game in React with secure authentication and CRUD operations in the database for different functionalities.
- Implemented PBKDF2 algorithm with HMAC_SHA256 to enhance security, utilizing unique salt and slow hashing for data protection.

Amusement Park Website | Node.js, Express.js, MongoDB, Bootstrap

- Developed a fully responsive website for an amusement park, utilizing the MVC architecture to separate concerns and streamline development.
- Designed and implemented a secure login and signup system integrated with MongoDB.
- Applied unit testing with Jest to verify the functionality of individual components and integration testing with Selenium to ensure seamless interactions across the entire system.

ChatMate | React.js, Express.js, Node.js, Zustand, Shadcn, Tailwind CSS, Socket.IO

- Built a feature-rich chat application allowing real-time messaging and communication between users, leveraging Socket.IO for smooth, bi-directional data flow.
- Utilized Express.js and Node.js for the backend, creating robust API endpoints to handle user authentication, file transfer, message storage, and real-time chat functionalities.
- Ensured real-time updates and message synchronization, allowing users to communicate instantly, storing and retrieving data efficiently.

Fake News Detection | Python, NLTK, Flask

- Developed a robust Flask-based fake news detection model processing a dataset of 70,640 news articles.
- Performed data preprocessing, extraction, cleaning, and exploratory data analysis on the news dataset, to ensure reliable results.
- Employed various machine learning algorithms, achieving accuracy rates ranging from 87.04% to 83%.